

October 6, 2021

Linda Meyer
USEPA Region 10
1200 Sixth Avenue, Suite 155 (ECL-122)
Seattle, Washington 98101

**Re: Midnite Mine Monthly Report – September 2021; Midnite Mine Superfund Site,
Spokane Indian Reservation, WA, RD/RA Consent Decree, No. CV-05-020-JLQ**

Dear Ms. Meyer:

In accordance with the RD/RA Consent Decree (CD) for the Midnite Mine, the following presents the Monthly Report for September 2021. The requirements for the Monthly Report as specified in the CD and the associated Statement of Work (SOW) are quoted, followed by the required information:

a) Describe the actions which have been taken toward achieving compliance with this Consent Decree during the prior month:

- Interim Water Treatment Plant and Water Collection System Operation

- The WTP began seasonal operation in April 2021. The water collection and treatment system continued to operate as usual in September.
- As previously reported, leaks have been discovered in the primary liner in both the East and West Cell of the South Pond. Work was previously performed to dewater and repair the leaks in both of the cells of the South Pond, with further inspections and leak location testing identifying potential leaks in the West Cell in June. Additional repair of the primary liner in the West Cell was performed in July. Following the repairs, further leakage was observed from the West Cell primary liner in late July. Additional testing conducted on August 25, 2021 identified a potential leak location in the primary liner in the southwest corner of the South Pond. During the week of September 10-16, Northwest Linings repaired the hole in the primary liner that was identified on August 25, as well as the five slits that were cut into the primary liner for the leak location survey. Leakage rate into the West Cell leak detection sump was reduced after the repairs and continued to reduce upon transferring water from Pit 3 into the South Pond on September 16.

- Phase I RD/RA OM&M Plan (including QAPP, HASP)

- None.

- Sitewide Monitoring Plan (SMP)

- The SMP First Half Data Transmittal for the surface water and groundwater sample data was submitted August 6. Surface water samples for the second half of 2021 were collected September 28-30. Five of the groundwater monitoring wells were sampled

September 27. The sample trip reports are included in Attachment 1. The remaining groundwater monitoring wells and the annual sediment samples for the SMP second half of 2021 will be collected in October/November 2021.

- On July 29, 2021, EPA approved the request to suspend sampling of groundwater monitoring wells MWNE-01 and MWNE-02 for the next two semi-annual sampling events (fall 2021 and spring 2022) due to limited access to the wells from excavation of the Pit 4 Overburden Middle area. In a follow-up comment on August 4, 2021, EPA requested that time series plots of concentrations for the water sampling locations be provided in the second half 2021 SMP Report.

- Residuals Management Plan (RMP) / Sludge Management

- On May 20, 2014, Revised SOPs for managing residuals at the WTP were submitted to EPA. Comments were received from EPA on June 12, 2014. Responses to comments and revised SOPs were submitted on June 30, 2014.
- In accordance with the RMP, the off-site rule notification was submitted to EPA on May 17, 2021 for shipment of sludge to the Energy Fuels White Mesa Mill facility in Utah. EPA provided notice on May 17 that the Energy Fuels Facility remained in compliance with the off-site rule through July 16, 2021. On July 15, 2021, EPA provided verification of continued acceptability for off-site disposal of the water treatment plant sludge at the Energy Fuels Facility until September 13, 2021. EPA provided verification of continued acceptability for WTP solids at the Energy Fuels White Mesa Mill facility on September 13.
- WTP sludge solids were shipped to Energy Fuels in September. A total of 14 sacks of solids were shipped over two shipments on September 14 and 29. The total volume of sludge shipped in September was 1792 ft³.

- Pre-Design Data Needs Report

The following summarizes the open and on-going items related to the Pre-Design Data Needs:

- A(b) (6) Borrow Area Plan of Operations was submitted to the Tribe on October 9, 2012. Comments were received from the Tribe on August 26, 2013. Responses to these comments were submitted to the Tribe on September 6, 2013. A Revised Plan of Operations (POO) was submitted to the Tribe on November 12, 2013. On February 24, a resolution from the Spokane Tribal Council was received authorizing use of the (b) (6) property with conditions. Additional modifications to the POO including an updated cost estimate were submitted to the Tribe.
- On July 30, 2014, Dawn Mining Company (DMC) was granted an Administrative Conditional Use Permit (ACUP) with a final decision and determination of non-significance from Stevens County to develop the (b) (6) Borrow Area.
- Additional permits will be required prior to the development of the resources. The first use of borrow material from the (b) (6) Borrow Area is scheduled for the fall of 2022. It is anticipated that application for the remaining permits will be submitted before December 2021. These permits include:

- Forest Practices Act Permit – WA State DNR
 - Mine Reclamation Permit – WA State DNR
 - Storm Water NPDES – EPA
 - 401 Certification – Tribe
- As EPA requested, Midnite Mine Western Drainage Alluvial wells pumping rates, water levels, and the updated version of Figure 1 from the testing plan is included in the monthly report as Attachment 2.
- The fieldwork for Phase I of the Work Plan for Whitetail Creek Sediment Evaluation was completed on August 23, 2013, and the Phase I Data Transmittal Report providing the results and proposed Phase II sampling was submitted on September 6, 2013. Additional information was provided on September 18, 24, and 27, 2013. Upon discussion of the results with EPA, EPA requested that the scope of work for the Phase II investigations be modified from the Work Plan. EPA provided written comments on September 30, 2013. Additional information was provided to EPA on October 9, 2013, documenting the agreed upon modifications. The Phase II field investigation and sampling was conducted the week of October 14, 2013. The Phase I, Revision 1 Data Transmittal Report, response to EPA comments, and Phase II, Revision 0 Data Transmittal Report were submitted to EPA February 20, 2014. EPA provided comments on the Phase II Report on May 19, 2014. A Revised Phase II report and response to comments was submitted to EPA on June 18, 2014. EPA provided another set of comments on July 24, 2014. A Response to Comments and Revised Phase II report was submitted to EPA on August 25, 2014.
- The final work plan to investigate the old Man Camp well as a possible water supply source was submitted on June 5, 2013. On October 2 and 3, 2013 a new Water Supply Well for the Midnite Mine was located, drilled and completed for possible use as a potable water supply during remedy implementation. The well was developed on October 4, 2013 using air lift for 3 hours. The well produced 4 to 5 gpm during the entire development process without going dry. The pumping tests and water quality analyses were initiated May 20, 2014, and final laboratory data were received in August 2014. The data evaluation report was submitted to EPA on November 21, 2014. It was requested by EPA on December 2 to resample the well for water quality analyses to include total metals, field parameters and general chemistry. The well was resampled on January 8, 2015, and results were received on January 28, 2015. The updated Man Camp well report with the supplemental data was submitted on February 27, 2015.
- A work plan for the installation of the additional monitoring wells requested by the Tribe in the lower portion of Blue Creek was submitted on March 3, 2014. Comments were received from EPA on April 9, 2014. A revised work plan and Response to Comments was submitted to EPA on May 9, 2014. Additional comments were received from EPA on May 16. A Revised work plan, QAPP and response to comments were submitted to EPA on May 29, 2014. EPA approved the work on May 30, 2014. The wells were installed in October 2014. A well completion report was submitted on December 1, 2014.

→ A revised Blue Creek and Delta Assessment Work Plan was submitted on August 28, 2020. Comments from EPA were received on January 11, 2021. A meeting was held on January 14, 2021 to discuss the Work Plan and EPA provided an e-mail on February 2, 2021 stating that the Work Plan should include biological components. A revised Work Plan was submitted on March 29, 2021. A follow-up meeting was held on July 21, 2021 to discuss the Work Plan. EPA provided draft objectives for revising the Blue Creek Assessment Work Plan on September 14.

- Fencing and Signage Plan

→ The fence inspection report for September is included as Attachment 3.

- Treatability Test Plan (TTP)

→ A Response to the EPA Pilot Scale Study Comments and Revised Report was submitted to EPA on March 7, 2013.

- Interim Water Treatment Plant Modification

→ On February 1, 2013, modifications were made to the previously approved filter press design to change the location of the press. On February 20, 2013, EPA conditionally approved the design of the filter press. On March 25, 2013, a response was submitted to address the conditions in the approval. On April 4, EPA commented on the radon mitigation measures for the filter press building. Responses to those comments and design modifications were submitted on April 9, 2013. On April 15, 2013, the Work Plan, Quality Assurance Plan and the Health and Safety Plan for the construction of the Filter Press were submitted. Comments on these documents were received on May 7, 2013. Revisions to address the comments were submitted on June 6. Construction of the filter press was initiated in July 2013. A pre-final inspection was conducted by EPA contractors on February 19, 2014. The filter press construction was completed in March. A site inspection was conducted by EPA contractor on May 22, 2014. A final inspection report was received on June 13, 2014. A completion report was submitted on July 11, 2014.

- EPA WQX Database

→ There were no data uploaded to the WQX database in September.

- Remedial Design

→ As approved by the EPA, the design of the WTP and discharge pipeline was held at the 60% stage pending the ongoing NPDES permitting process. The 90% design for the WTP was submitted on August 27 and the 90% design of the discharge pipeline was submitted on August 29, 2018. EPA provided comments to the 90% design documents on October 9, 2018. The 100% design for the WTP and discharge pipeline was submitted on December 4, 2018. EPA was notified during a meeting on February 5, 2019 that the WTP design was being re-evaluated and additional information would be provided to support the redesign. On April 22, a memorandum entitled "Revised water balance model results for Water Treatment Plant with capacity for 250 gpm continuous operation" was submitted to EPA to support the resizing of the WTP. The annual treatment volumes from 1995

through 2018 were submitted to EPA on May 24 to further support the 250 gpm plant size. Comments on the memorandum were received from EPA on June 10. Responses to those comments and a revised memorandum was submitted on July 10. EPA approved the design change to a treatment flow rate of 250 gpm for the new WTP on July 25. A teleconference meeting with EPA and Tribal representatives was held on May 21, 2020 to discuss alternatives to the pipeline route. A letter was received from the Spokane Tribe on September 10, 2020 in which they supported the consideration of a new alignment of the pipeline route.

The modified preliminary WTP design was submitted on November 16, 2020. EPA provided comments to the preliminary design on December 15 and 21, 2020. Responses to those comments were sent on January 26, 2021. On February 3, 2021 EPA provided notice that the responses to comments on the preliminary design were acceptable. On March 2, 2021 the Final WTP was submitted. EPA provided comments to the Final Design on March 16. Responses to these comments were submitted on May 4, 2021. EPA provided additional comments on May 12. The updated 100% WTP design was submitted on July 8, 2021 based on EPA comments. Responses to EPA comments were submitted on July 23, 2021. EPA approved the 100% Design of WTP on July 26, 2021, with a request that a remaining comment be addressed.

The Pipeline design was submitted on November 18, 2020. It was noted that the submitted pipeline design included the original pipeline route. However, an evaluation of the alternative pipeline route proposed by the Tribe will be conducted and the pipeline design will be modified if the alternative route is chosen. Field work to support the evaluation was completed in April and laboratory testing of samples obtained in April and technical evaluations continued in May. The pipeline design was approved on December 8, 2020.

- An Institutional Controls and Implementation and Assurance Plan (ICIAP) was submitted to EPA on May 11, 2012. On September 30, 2013, EPA disapproved the plan and provided comments. A response to comments and revised ICIAP was submitted February 20, 2014.
- On December 10, 2014, EPA submitted a letter outlining additional requirements for determination of wetlands and waters of the US to be in substantive compliance with Section 404 of the Clean Water Act. A meeting was held with EPA on December 18, 2014 to discuss these issues. Preliminary data were submitted via e-mail to EPA to address specific issues outlined in the December 10 letter on January 26, 2015. A more detailed wetlands delineation report was submitted on February 2, 2015. Additional information on the delineation was requested on February 26 and was submitted on March 9, 2015. A conceptual wetlands mitigation plan was submitted on March 16, 2015. A site visit to review wetlands issues occurred on April 14-16, 2015. A revised wetlands delineation report incorporating information from the field trip was submitted on May 8, 2015. A meeting was held on July 16 to discuss the anticipated hydrologic conditions in the drainages and wetlands after implementation of the Remedy. EPA provided their field summary on September 8, 2015.

- Remedial Action

The Remedial Action Work Plan (RAWP) specified information that would be submitted in the monthly report relative to the Remedial Action (RA). Each of these items are addressed below.

- Progress made this month

- COVID-19 workplace social distancing and sanitation requirements continued to be followed for all personnel during September. On June 29, 2021, Newmont updated the Requirements and Guidance for Preventing COVID-19 (Policy Letter #4) according to the State of Washington guidance and Spokane Tribe of Indians Resolution.
- Storm water management continued as specified in the Storm Water Management Plan. Newmont installed an erosion control blanket in the Pit 4 Overburden middle storm water channel.
- Spill Prevention, Control and Countermeasures Plan (SPCC) inspections continued as specified in the SPCC Plan. The EPA provided comments on the addendum submittal to the SPCC (Fuel Tanks) on June 15, 2021.
 - A 5-gallon diesel spill occurred on the New Access Road on September 10. The spill was contained, cleaned up, and impacted materials were disposed of off-site.
 - A 5-gallon hydraulic fluid spill occurred at Effluent Pipeline station 47+36 on September 30 due to a compromised hydraulic line on a loader. The spill was cleaned up and impacted materials were disposed of off-site.
 - Meteoric water was removed from secondary containments following rain event during the week of September 17 and 24.
- The Pit 4 sumps were checked for level and pumped when necessary, with the logging of data uploaded to the project data electronic repository.
- Construction activities in September consisted of the following:
 - Crushing and screening materials for drain gravel, liner bedding, and geomembrane bedding material.
 - Excavation and placement of material from the South Waste Rock Pile into the Pit 4 Waste Containment Area (WCA).
 - During the week of September 10-16, Northwest Linings repaired the hole in the primary liner in the southwest corner of the South Pond that was identified on August 25, as well as the five slits that were cut into the primary liner for the leak location survey.
 - Newmont completed installation of the Pit 3 dewatering pipeline to the South Pond and began pumping water from Pit 3 into the South Pond on September 16.

Approximately 13,000,000 gallons of water has been transferred as of the last week of September.

- Continued installation of the Water Treatment Plant Effluent Pipeline by mobilizing equipment, repairing BMP's, welding of the HDPE pipe, and clearing/grubbing. An 18-inch culvert was installed across the New Access Road at West End Road. Began and continued hauling of bedding material from the lower portion of blue Creek Road in accordance with RFI HC-2021-08. Installed pipe along the jeep trail between Stations 73+22 and 62+22.
- The main channel and finger 4 of the Infiltration Collectors were extended on the west side of Pit 4.
- Performed maintenance work and repairs on the site perimeter fence.
- Budinger and Associates began and completed installation of the monitoring wells for the (b) (6) Borrow Area. Well development is underway.
- Problems resolved last month
 - There were no problems last month.
- Problem areas and recommended solutions
 - None
- Deliverables submitted last month
 - Deliverables associated with the RA which remained open in September included the following:
 - The 2018 Annual ALARA (as low as reasonably achievable) report as required by the Radiation Protection Plan was submitted on April 4, 2019. EPA provided comments to this report on June 10, 2019. Responses to comments and a revised report were submitted on July 26. EPA provided preliminary comments on the report on July 29 and provided additional comments on August 19. EPA provided additional comments on September 24, 2019. Responses to these comments were submitted on October 8. Additional comments were received from EPA on April 1. Responses to those comments were submitted on April 23, 2020.
 - The 2019 Annual ALARA (as low as reasonably achievable) report as required by the Radiation Protection Plan was submitted on April 23, 2020. EPA provided comment on this report on May 10, 2021 and suggested that responses to the 2018 and 2019 ALARA audits be incorporated into the 2020 ALARA report.
 - An updated Remedial Action Construction Schedule (Appendix X of the RAWP) was submitted on November 16, 2020.
 - The 2020 Vegetation Monitoring Report for the reclaimed West Access Road was submitted on December 1, 2020. The 2021 Annual Vegetation Monitoring Report for the West Access Road was submitted on August 25, 2021. As requested, the

Remedial Action Revegetation Success Criteria was submitted to the EPA on September 3, 2021.

- The 2020 Construction Annual Report was submitted on March 12, 2021.
- On March 17, 2021 an e-mail from the Spokane Tribe Natural Resources Department which stated that there are no eagle nests in the mine area was forwarded to EPA. An evaluation of eagle nests along the pipeline construction route was submitted to EPA on May 19, 2021. EPA provided a comment on this evaluation on May 24, 2021.
- On March 18, 2021, the revised Remedial Action Work Plan (RAWP) main text was submitted. EPA provided comments on the revised RAWP main text on June 16, 2021, including the need to update Appendix U.
- An updated Appendix R of the RAWP (Staging/Temporary Stockpile Plan) was submitted on March 23, 2021.
- Replacement pages for the Emergency Response Plan (Appendix D of the RAWP) including the SPCC (Attachment 4 of Appendix D) were submitted on April 2, 2021.
- The Pit 4 Overburden Upper Area Final Status Survey Work Plan was submitted June 15, 2021 and approved by EPA on June 24, 2021 with required revisions. The revised Work Plan (Rev1) was submitted June 30, 2021.
- The South Construction Support Zone Final Status Survey Work Plan was submitted on May 7, 2021. EPA approved this plan on May 24 with a request to provide clarification on several issues. The revised Work Plan was submitted on June 15, 2021 to provide the requested clarification. EPA approved the revised Work Plan (Rev1) on June 17, 2021. After collection of verification soil samples on July 20-21, 2021, it was determined that collection of an additional composite soil sample is required, as described in the South CSZ FFS Additional Soil Sampling Memorandum submitted on September 24, 2021. The additional soil sample is scheduled to be collected in October.
- The Blue Creek Road Bank Stabilization Work Plan was submitted on August 9, 2021. EPA provided comments on September 2.
- The Pit 4 Overburden Lower Pile Waste Removal Work Plan was submitted on August 9, 2021. EPA provided comments on September 2.
- The Second Quarter 2021 Ambient Air Quality and Meteorological Monitoring Report was submitted on August 13, 2021. EPA approved the report on September 16.
- The revised (b) (6) Borrow Area Well Installation Work Plan (Rev 2) for installation of four monitoring wells upgradient and six monitoring wells downgradient of the (b) (6) Property was submitted on August 24, 2021. The work plan was revised to include sonic drilling for installing the wells and update the dates and baseline sampling period based on the need to use the borrow area next year. The Spokane Tribe of Indians indicated their acceptance of the work

plan on August 25 and EPA approved the work plan on September 2, 2021. The monitoring wells were installed in September.

- Air Monitoring
 - Air monitoring results are included in the Weekly Construction Reports and are not repeated in this Monthly Report.
- Vertical Dewatering Wells
 - There were no issues with the construction or operation of the dewatering wells.
- Alluvial Dewatering Trenches
 - There were no issues with the construction or operation of the Alluvial Dewatering Trenches as construction for these trenches has yet to begin.
- Construction Water
 - There was 38,600 gallons of off-site and 2,035,200 gallons of on-site construction water utilized during September.
 - Analysis of on-site water quality was performed in September according to the Construction Water Management Plan. Final laboratory results for samples collected in September are pending.
- Submittal Register
 - Items included in the submittal register are documented in the weekly reports and are not repeated in this Monthly Report.
- Storm Water Management
 - Implementation of storm water management best management practices (BMPs) continued in September in accordance with the Storm Water Management Plan.
 - Newmont installed an erosion control blanket in the Pit 4 Overburden middle storm water channel.
- Schedule updates/potential schedule delays
 - There were no schedule update or schedule delays in September.
- Activities planned for the next month
 - Activities planned for October 2021 include the following:
 - Continue storm water management measures in accordance with the Storm Water Management Plan.
 - Continued implementation of the Spill Prevention, Control and Countermeasures Plan (SPCC).
 - Continued operation of the site surface water collection system.

- Continued evaluation of the COVID-19 situation and modification of site activities as necessary.
 - Construction Activities in October will include:
 - Continued excavation of South Waste Rock Pile waste rock and placement into Pit 4.
 - Continued transfer of Pit 3 water to the South Pond.
 - Continued production of drain gravel and liner bedding material.
 - Continued construction of the Effluent Pipeline.
 - Summary of confirmation sampling
 - None.
 - Key personnel changes
 - None.
 - Health and safety issues

Operations were suspended from August 24 through August 31 due to a safety standdown for worker retraining and equipment inspections. Normal operations within the exclusion zone resumed on September 1.

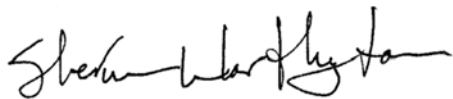
A water truck trailer tipped while backing up on uneven ground to apply water for dust control on September 23. There were no injuries and minimal damage to water truck or trailer.
 - Coordination activities
 - Routine coordination activities between Newmont, CQA/CQC contractors, and various other contractors and the EPA and Tribe occurred in August.
 - Project modifications/field adjustments/change orders
 - There were no field adjustments/change orders in September.
- b) *Include a summary of all results of sampling and tests and all other data received or generated by Settling Defendants or their contractors or agents in the previous month;*
- There was 1.23 inches of precipitation recorded in September at Midnite Mine. The daily weather data output for September, which is collected on-site as part of the air monitoring system, is included in Attachment 4. Flow in the Western Drainage was approximately 17 gpm on September 1, and decreased to approximately 15 gpm on September 27.
- c) *Identify all plans, reports and other deliverables required by this Consent Decree completed and submitted during the previous month;*
- Submittals associated with the RA are detailed above.
- d) *Describe all actions, including, but not limited to, data collection and implementation of work plans, which are scheduled for the next six weeks and provide other information relating to the*

progress of construction, including, but not limited to, critical path diagrams, Gantt charts and Pert charts;

- Work as part of the RA will continue as discussed above.
- e) *Include information regarding percentage of completion, unresolved delays encountered or anticipated that may affect the schedule for implementation of the Work, and a description of efforts made in the previous month to mitigate those delays or anticipated delays;*
- An updated Remedial Action Construction Schedule (Appendix X of the RAWP) was submitted to EPA on November 16, 2020. Future evaluation of construction activities will be discussed relative to this schedule.
- f) *Include any modifications to the work plans or other schedules that Settling Defendants have proposed to EPA or that have been approved by EPA during the previous month;*
- Except as described above, no modifications to the work plans were proposed during the previous month.
- g) *Describe all activities undertaken pursuant to Paragraph 110 during the previous month and those to be undertaken in the next six weeks;*
- Mr. Ricky Sherwood, the community liaison, continued to receive notifications and updates of meetings, construction activities and major mobilization and demobilization activities.
 - Communications continue with Tribal representatives.
 - Meeting with Tribal Cultural Resources Observers for the effluent pipeline.

We trust that this information satisfies the Monthly Progress Report requirements of the CD. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,



WORTHINGTON MILLER ENVIRONMENTAL, LLC
Sherman Worthington
Supervising Contractor

cc: Brian Crossley, Spokane Tribe of Indians
Bill Lyle, Newmont Mining Corporation

ATTACHMENT 1

SAMPLER INITIALS: RWA

DATE: 9.27.2021

Monitoring Event Summary

Monitoring Activities Conducted:

Sampled GW: BCMW-01, 02, 03, 04, 05

Description of any deviations from prescribed field methods or procedures (QAPP and FSP):

NONE

Field conditions requiring maintenance or other action:

NONE

DO NOT WRITE IN THESE SPACES

SAMPLER INITIALS: RWA

DATE: 9-28-21

Monitoring Event Summary

Monitoring Activities Conducted:

Sampled SW: BC-01, BC-05, SW-7, SW-5, SW-4, SW-4U

Description of any deviations from prescribed field methods or procedures (QAPP and FSP):

NONE

Field conditions requiring maintenance or other action:

NONE

DO NOT WRITE IN THESE SPACES

SAMPLER INITIALS: RWA

DATE: 9.29.21

Monitoring Event Summary

Monitoring Activities Conducted:

SAMPLED SW: SW-10, WDJ, SW-15, SW-20, PHS

NOT SAMPLED NO FLOW: FES, ES, BP

SW-39 NOT sampled Not used for storage, & its being DE-WATERED

Description of any deviations from prescribed field methods or procedures (QAPP and FSP):

NONE

Field conditions requiring maintenance or other action:

NONE

DO NOT WRITE IN THESE SPACES

SAMPLER INITIALS: RWA

DATE: 09-30-2021

Monitoring Event Summary

Monitoring Activities Conducted:

Sampled SW: SW-6, WDAC, SW-11, SW-2
NOT Sampled NOFIOW: SW-12

Description of any deviations from prescribed field methods or procedures (QAPP and FSP):

NONE

Field conditions requiring maintenance or other action:

NONE

10/4/2021
10/4/2021

ATTACHMENT 2

Western Drainage Alluvial Wells

Date	Pumping Rates PBW-01 (gpm)	Pumping Rates PBW-02 (gpm)	Water Levels ¹ PBW-01 (ft amsl)	PBW-01 Notes	Water Levels ¹ PBW-02 (ft amsl)	PBW-02 Notes
01/03/12	0.88	0.86	2392.33		2386.78	
01/09/12	0.89	0.84	2392.33		2386.78	
01/17/12	0.85	0.81	2393.03		2386.78	
01/23/12	0.86	0.83	2392.42		2386.79	
01/31/12	0.95	0.87	2397.94	pump replaced 1/30/12	2386.80	
02/07/12	0.87	0.8	2392.33		2386.79	
02/13/12	1.0	0.88	2396.21		2386.79	
02/20/12	0.89	0.84	2392.28		2386.79	
02/27/12	0.93	0.84	2392.27		2386.79	
03/05/12	0.89	0.81	2392.28		2386.79	
03/12/12	0.87	0.84	2392.26		2386.80	
03/16/12	0.98	0.91	2392.82		2386.80	
03/19/12	0.99	0.88	2392.41		2386.80	
03/28/12	1.14	0.95	2398.87		2386.79	
04/01/12	1.35	1.05	2398.67		2386.93	
04/07/12	1.25	0.9	2392.28		2386.80	
04/09/12	1.17	0.88	2392.27		2386.79	
04/13/12	1.0	0.87	2392.28		2386.80	
04/17/12	0.96	0.84	2392.28		2386.80	
04/23/12	0.90	0.83	2392.28		2386.79	
05/02/12	0.91	0.84	2392.28		2386.80	
05/11/12	0.90	0.89	2392.28		2386.81	
05/15/12	0.86	0.88	2392.28		2386.82	
05/21/12	0.87	0.78	2392.28		2386.83	
05/29/12	0.85	0.82	2392.28		2386.83	
06/07/12	1.06	1.16	2394.37		2395.53	
06/11/12	0.92	1.11	2392.27		2386.85	
06/19/12	0.92	0.99	2392.27		2386.87	
06/25/12	0.97	0.96	2392.27		2386.85	
07/02/12	0.96	0.94	2392.27		2386.87	
07/09/12	0.95	0.35	2392.27		2386.85	cleaned flow meter
07/16/12	0.93	0.79	2392.27		2386.85	
07/24/12	0.92	0.81	2392.27		2386.88	
07/30/12	0.95	0.8	2392.27		2386.87	
08/06/12	0.88	0.78	2392.27		2386.89	
08/13/12	0.94	0.75	2392.28		2386.91	
08/20/12	0.8	0.56	2392.28		2386.90	installed new pump
08/27/12	0.88	0.97	2392.28		2386.81	
09/03/12	0.91	0.74	2392.28		2386.80	
09/11/12	0.89	1.01	2392.28		2386.83	
09/18/12	0.9	0.77	2392.28		2386.80	
09/24/12	0.89	0.76	2392.29		2386.79	
10/02/12	0.78	0.71	2392.29		2386.80	
10/08/12	0.8	0.75	2392.30		2386.81	
10/15/12	0.91	0.77	2392.30		2386.79	
10/22/12	0.94	0.8	2392.30		2386.81	
10/29/12	0.92	0.8	2392.31		2386.81	
11/05/12	0.92	0.8	2392.31		2386.81	
11/13/12	0.91	0.82	2392.30		2386.82	
11/21/12	0.97	0.88	2392.31		2386.85	
11/26/12	0.89	0.81	2392.31		2386.82	
12/03/12	0.97	0.89	2392.32		2386.84	
12/11/12	0.94	0.84	2392.32		2386.85	
12/17/12	0.98	0.85	2392.32		2386.83	
12/26/12	0.97	0.91	2392.32		2386.85	
12/31/12	0.94	0.89	2392.32		2386.87	
01/08/13	0.95	0.92	2392.27		2386.87	
01/14/13	0.97	0.93	2392.28		2386.88	
01/21/13	0.97	0.94	2392.28		2386.88	
01/28/13	0.98	0.94	2392.28		2386.89	
02/04/13	0.97	0.96	2392.28		2386.90	
02/11/13	1.00	0.94	2392.29		2386.90	
02/18/13	1.04	0.97	2392.30		2386.90	
02/25/13	1.07	0.98	2392.30		2386.90	
03/04/13	1.29	1.11	2398.65	turned up pump to 24 vdc on 3/4/13; then to 26 vdc on 3/5/13	2386.91	
03/11/13	1.4	1.13	2392.30		2386.91	
03/17/13	1.24	0.81	2392.30		2386.91	
03/24/13	1.08	0.79	2392.30		2386.91	
03/30/13	1.0	0.78	2392.30		2386.91	
04/08/13	1.07	1.17	2392.31		2397.38	pump not working; replaced
04/15/13	0.94	0.87	2392.29		2386.77	
04/18/13			2392.30			
04/22/13	0.9	0.84	2392.29		2386.79	
04/30/13	0.8	0.84	2392.29		2386.79	
05/06/13	0.81	0.83	2392.29		2386.80	
05/13/13	0.86	0.87	2392.29		2386.80	
05/20/13	0.85	0.82	2392.29		2386.80	
05/28/13	0.83	0.81	2392.29		2386.80	
06/04/13	0.81	0.8	2392.29		2386.80	
06/10/13	0.82	0.78	2392.29		2386.80	

Western Drainage Alluvial Wells

Date	Pumping Rates PBW-01 (gpm)	Pumping Rates PBW-02 (gpm)	Water Levels ¹ PBW-01 (ft amsl)	PBW-01 Notes	Water Levels ¹ PBW-02 (ft amsl)	PBW-02 Notes
06/17/13	0.82	0.78	2392.29		2386.80	
06/24/13	0.81	0.81	2392.29		2386.80	
07/01/13	0.82	0.76	2392.29		2386.81	
07/08/13	0.83	0.76	2392.29		2386.81	
07/16/13	0.84	0.72	2392.29		2386.83	
07/24/13	0.83	0.64	2392.29		2386.86	
07/29/13	0.83	0.62	2392.29		2386.86	
08/06/13	0.72	0.63	2392.29		2386.90	
08/12/13	0.75	0.76	2392.29		2386.91	
08/20/13	0.86	0.79	2392.29		2386.90	
08/27/13	0.84	1.04	2392.29		2395.47	recovering after power outage
09/02/13	0.82	0.84	2392.29		2386.90	
09/09/13	0.84	0.87	2392.29		2386.90	
09/17/13	0.85	0.85	2392.29		2387.23	
09/23/13	0.83	0.87	2392.29		2386.91	
09/30/13	0.86	0.92	2392.29		2386.78	
10/07/13	0.85	0.89	2392.29		2386.78	
10/15/13	0.83	0.86	2392.29		2386.78	
10/21/13	0.83	0.84	2392.29		2386.78	
10/28/13	0.8	0.84	2392.29		2386.78	
11/04/13	0.83	0.87	2392.29		2386.79	
11/13/13	0.82	0.80	2392.29		2386.78	
11/19/13	0.83	0.78	2392.29		2386.78	
11/25/13	0.87	0.79	2392.27		2386.78	
12/02/13	0.85	0.80	2392.27		2386.78	
12/09/13	0.87	0.81	2392.27		2386.78	
12/16/13	0.86	0.81	2392.27		2386.78	
12/26/13	0.86	0.82	2392.27		2386.78	
12/30/13	0.86	0.81	2392.27		2386.78	
01/06/14	0.82	0.8	2392.27		2386.78	
01/13/14	0.85	0.81	2392.27		2386.78	
01/21/14	0.84	0.8	2392.27		2386.78	
01/28/14	0.84	0.81	2392.27		2386.78	
02/03/14	0.82	0.8	2392.27		2386.78	
02/10/14	0.83	0.79	2392.27		2386.78	
02/17/14	0.96	0.84	2392.28	cleaned flow meter	2386.78	
02/24/14	0.84	0.97	2392.27		2386.78	cleaned flow meter
03/04/14	0.82	0.76	2392.27		2386.78	
03/10/14	1.12	0.93	2392.29		2386.78	
03/17/14	1.00	0.85	2392.29		2386.78	
03/24/14	0.92	0.86	2392.29		2386.77	
03/31/14	0.93	0.85	2392.29		2386.78	
04/07/14	0.91	0.82	2392.27		2386.78	
04/14/14	0.86	0.78	2392.27		2386.78	
04/21/14	0.86	0.82	2392.27		2386.78	
04/28/14	0.89	0.84	2392.28		2386.78	
05/05/14	0.88	0.80	2392.28		2386.78	
05/12/14	0.82	0.77	2392.28		2386.78	
05/19/14	0.82	0.75	2392.29		2386.78	
05/27/14	0.86	0.76	2392.29		2386.78	
06/02/14	0.84	0.72	2392.29		2386.78	
06/09/14	--	0.71	2392.28	flow meter broken	2386.78	
06/16/14	0.8	0.67	2392.28		2386.78	
06/23/14	0.8	0.74	2392.28		2386.78	
06/30/14	0.81	0.68	2392.28		2386.80	
07/08/14	0.8	0.67	2392.28		2386.81	
07/14/14	0.81	0.67	2392.28		2386.83	
07/21/14	0.82	0.67	2392.27		2386.81	
07/28/14	0.8	0.62	2392.28		2386.83	
08/06/14	0.84	1.12	2392.28		2396.07	recovering after power outage
08/11/14	0.8	0.79	2392.28		2386.83	
08/18/14	0.82	0.78	2392.28		2386.83	
08/25/14	0.83	0.78	2392.28		2386.84	
09/03/14	0.85	1.23	2392.28		2398.29	pump replaced
09/08/14	0.8	1.12	2392.28		2386.80	cleaned flow meter
09/15/14	0.78	0.89	2392.27		2386.80	
09/22/14	0.79	0.87	2392.27		2386.80	
09/23/14	NM	NM	2392.27		NM	
09/29/14	0.81	0.87	2392.27		2386.80	
10/06/14	0.8	0.83	2392.27		2386.80	
10/13/14	0.78	0.82	2392.28		2386.80	
10/21/14	0.8	0.83	2392.28		2386.80	
10/28/14	0.81	0.85	2392.28		2386.80	
11/03/14	0.79	0.84	2392.28		2386.79	
11/11/14	0.81	0.82	2392.28		2386.79	
11/18/14	0.79	0.79	2392.28		2386.79	
11/24/14	0.79	0.81	2392.28		2386.79	
12/01/14	0.8	0.81	2392.28		2386.79	
12/08/14	0.79	0.8	2392.28		2386.79	
12/17/14	0.79	0.77	2392.29		2386.79	

Western Drainage Alluvial Wells

Date	Pumping Rates PBW-01 (gpm)	Pumping Rates PBW-02 (gpm)	Water Levels ¹ PBW-01 (ft amsl)	PBW-01 Notes	Water Levels ¹ PBW-02 (ft amsl)	PBW-02 Notes
12/22/14	0.81	0.86	2397.78	turned up pump to 20 vdc to get WL back down	2386.79	
12/29/14	0.8	0.8	2392.29		2386.79	
01/05/15	0.8	0.8	2392.29		2386.79	
01/12/15	0.78	0.77	2392.29		2386.79	
01/19/15	0.86	0.78	2392.29		2386.79	
01/26/15	0.86	0.78	2392.29		2386.79	
02/02/15	0.81	0.74	2392.29		2386.79	
02/10/15	1.09	0.89	2392.30		2386.80	
02/17/15	0.95	0.77	2392.29		2386.79	
02/23/15	0.9	0.75	2392.29		2386.79	
03/02/15	0.88	0.71	2392.29		2386.79	
03/09/15	0.86	0.74	2392.29		2386.79	
03/16/15	1.01	0.79	2397.30		2386.79	
03/23/15	0.9	0.74	2392.29		2386.79	
03/29/15	0.89	0.71	2392.29		2386.79	
04/07/15	0.88	0.73	2392.29		2386.79	
04/13/15	0.86	0.70	2392.29		2386.79	
04/20/15	0.85	0.69	2392.28		2386.79	
04/27/15	0.83	0.67	2392.28		2386.79	
05/04/15	0.83	0.64	2392.28		2386.79	
05/11/15	0.81	0.58	2392.28		2386.79	
05/18/15	0.81	0.62	2392.28		2386.79	
05/26/15	0.82	0.6	2392.27		2386.79	
06/02/15	0.83	0.59	2392.28		2386.79	
06/09/15	0.81	0.58	2392.27		2386.79	
06/16/15	0.80	0.59	2392.27		2386.79	
06/22/15	0.80	0.53	2392.27		2386.79	
06/30/15	0.80	0.52	2392.27		2386.79	
07/06/15	0.79	0.54	2392.27		2386.79	
07/14/15	0.79	0.57	2392.27		2386.79	
07/20/15	0.78	0.58	2392.27		2386.79	
07/27/15	0.78	0.59	2392.27		2386.79	
08/03/15	0.77	0.57	2392.27		2386.79	
08/12/15	0.76	0.56	2392.27		2386.79	
8/17/15*	0.76	0.54	2392.27		2386.79	
09/10/15	0.75	0.58	2392.84		2386.81	
09/14/15	0.75	0.58	2392.27		2386.81	
09/21/15	0.76	0.55	2393.38		2386.81	
09/28/15	0.75	0.61	2392.27		2386.81	
10/05/15	0.80	0.59	2392.25		2386.81	
10/13/15	0.78	0.6	2392.27		2386.81	
10/19/15	0.81	0.77	2392.28		2386.81	
10/26/15	0.81	0.75	2392.86		2386.81	
11/03/15	0.82	0.86	2392.26		2386.81	
11/10/15	0.82	0.80	2392.26		2386.80	
11/16/15	0.82	0.76	2392.25		2386.81	
11/23/15	0.83	0.82	2392.26		2386.80	
11/30/15	0.82	0.79	2392.25		2386.80	
12/07/15	0.89	0.84	2398.40	turned up pump to 20 vdc to get WL back down	2386.81	
12/14/15	1.15	1.04	2401.17	pump 22 vdc	2397.27	circuit breaker feeding pump back well pumps tripped out; fixed problem and reset breaker
12/21/15	0.88	0.78	2392.25		2386.81	
12/28/15	0.86	0.79	2392.26		2386.81	
01/04/16	0.87	0.72	2392.26		2386.81	
01/11/16	0.86	0.72	2392.26		2386.81	
01/18/16	1.00	0.82	2393.10		2386.81	
01/25/16	1.46	0.91	2392.29		2386.81	
02/01/16	1.44	0.88	2392.30		2386.81	
02/08/16	1.10	0.8	2392.30		2386.81	
02/15/16	1.06	0.77	2392.30		2386.81	
02/22/16	1.27	0.8	2392.29		2386.81	
02/29/16	1.22	0.75	2392.29		2386.81	
03/07/16	1.24	0.78	2392.29		2386.81	
03/14/16	1.73	0.92	2400.85	turned up pump to 32 vdc to get WL back down	2386.87	
03/21/16	1.52	0.81	2392.33	pump 30 vdc	2386.81	
03/30/16	1.58	0.8	2392.31		2386.83	
04/04/16	1.60	0.76	2392.33		2386.82	
04/11/16	1.23	0.71	2392.30		2386.83	
04/18/16	1.09	0.63	2392.29		2386.83	
04/25/16	1.02	0.61	2392.29		2386.83	
05/02/16	0.95	0.58	2392.29		2386.83	
05/09/16	0.86	0.54	2392.28		2386.85	
05/16/16	0.83	0.56	2392.28		2386.85	
05/23/16	0.94	0.55	2392.28		2386.84	
05/31/16	0.82	0.52	2392.29		2386.85	
06/08/16	0.78	0.51	2392.29		2386.87	
06/14/16	0.75	0.51	2392.29		2386.87	

Western Drainage Alluvial Wells

Date	Pumping Rates PBW-01 (gpm)	Pumping Rates PBW-02 (gpm)	Water Levels ¹ PBW-01 (ft amsl)	PBW-01 Notes	Water Levels ¹ PBW-02 (ft amsl)	PBW-02 Notes
06/20/16	0.68	0.50	2392.29		2386.89	
06/27/16	0.73	0.49	2392.29		2386.89	
07/05/16	0.62	0.49	2392.30		2386.89	
07/11/16	0.70	0.52	2392.31		2386.90	
07/19/16	0.77	0.51	2392.31		2386.90	
07/25/16	0.70	0.51	2392.31		2386.90	
08/01/16	0.76	0.53	2392.31		2386.90	
08/08/16	0.73	0.49	2392.33		2386.90	
08/15/16	0.72	0.53	2392.33		2386.90	
08/23/16	0.70	0.51	2392.33		2386.90	
08/30/16	0.73	0.49	2392.33		2386.90	
09/06/16	0.73	0.48	2392.33		2386.91	
09/13/16	0.76	0.48	2392.33		2386.91	
09/26/16	0.74	0.45	2392.34		2386.91	
10/03/16	0.77	0.42	2392.34		2386.91	
10/10/16	0.77	0.41	2392.36		2386.90	
10/19/16	0.78	0.38	2392.34		2386.90	
10/24/16	0.83	0.34	2392.35		2386.91	
10/31/16	1.02	0.53	2392.35		2386.90	
11/07/16	0.90	0.49	2392.35		2386.91	
11/15/16	0.90	0.51	2392.35		2386.90	
12/01/16	0.92	0.51	2392.35		2386.91	
01/04/17	NM	NM	2392.34		2386.91	
01/06/17	0.82	0.48	NM		NM	
01/10/17	0.82	0.69	NM		NM	
01/16/17	0.83	0.58	NM		NM	
01/23/17	1.03	0.57	NM		NM	
01/24/17	NM	NM	2392.38		2386.87	
01/30/17	0.84	0.48	NM		NM	
02/07/17	0.83	0.49	NM		NM	
02/13/17	0.88	0.59	NM		NM	
02/22/17	1.32	0.79	NM		NM	
03/01/17	1.08	0.69	2392.30		2386.79	
03/06/17	1.04	0.70	NM		NM	
03/13/17	1.52	0.76	2392.31		2386.81	
03/20/17	1.28	0.76	NM		NM	
03/29/17	1.56	0.80	NM		NM	
04/04/17	1.08	0.74	NM		NM	
04/10/17	0.96	0.70	NM		NM	
04/17/17	1.32	0.76	NM		NM	
04/24/17	1.04	0.72	2392.30		2386.83	
05/01/17	0.72	0.74	NM		NM	
05/08/17	0.75	0.62	NM		NM	
05/15/17	0.73	0.50	NM		NM	
05/22/17	0.68	0.64	2392.31		2386.91	
05/30/17	0.61	0.54	NM		NM	
06/05/17	0.62	0.52	NM		NM	
06/12/17	0.54	0.52	NM		NM	
06/19/17	0.68	0.59	NM		NM	
06/20/17	NM	NM	2392.34		2386.90	
06/27/17	0.59	0.44	NM		NM	
07/05/17	0.46	0.50	NM		NM	
07/10/17	0.58	0.54	NM		NM	
07/12/17	NM	NM	2392.38		2386.90	
07/17/17	0.52	0.48	NM		NM	
07/25/17	0.48	0.44	NM		NM	
07/31/17	0.52	0.32	NM		NM	
08/07/17	0.62	0.47	NM		NM	
08/14/17	0.30	0.37	NM		NM	
08/15/17	NM	NM	2392.38		2386.91	
08/21/17	0.40	0.37	NM		NM	
08/28/17	0.56	0.32	NM		NM	
09/05/17	0.46	0.44	NM		NM	
09/11/17	0.40	0.35	2392.36		2387.53	
09/19/17	0.64	0.52	NM		NM	
09/25/17	0.43	0.48	NM		NM	
10/02/17	0.45	0.46	NM		NM	
10/04/17	NM	NM	2392.37		2388.87	
10/11/17	0.43	0.52	NM		NM	
10/16/17	0.38	0.42	NM		NM	
10/23/17	0.46	0.62	NM		NM	
10/30/17	0.45	0.45	NM		NM	
11/07/17	0.47	0.43	NM		NM	
11/10/17	NM	NM	2392.36		2386.90	
11/13/17	0.47	0.40	NM		NM	
11/20/17	0.49	0.57	NM		NM	
11/27/17	0.50	0.47	NM		NM	
12/04/17	0.50	0.57	NM		NM	
12/11/17	0.49	0.42	2392.37		2386.93	
12/18/17	0.54	0.44	NM		NM	
12/27/17	0.52	0.44	NM		NM	

Western Drainage Alluvial Wells

Date	Pumping Rates PBW-01 (gpm)	Pumping Rates PBW-02 (gpm)	Water Levels ¹ PBW-01 (ft amsl)	PBW-01 Notes	Water Levels ¹ PBW-02 (ft amsl)	PBW-02 Notes
01/03/18	0.52	0.32	NM		NM	
01/08/18	0.54	0.40	2392.35		2386.93	
01/15/18	0.57	0.40	NM		NM	
01/21/18	0.60	0.30	NM		NM	
01/28/18	0.68	0.79	NM		NM	
02/04/18	0.7	0.64	NM		NM	
02/11/18	0.67	0.59	NM		NM	
02/18/18	0.6	0.57	NM		NM	
02/19/18	NM	NM	2392.36		2386.73	
02/25/18	0.58	0.54	NM		NM	
03/04/18	0.60	0.65	NM		NM	
03/12/18	0.71	0.67	NM		NM	
03/18/18	0.74	0.60	NM		NM	
03/20/18	NM	NM	2392.37		2386.81	
03/25/18	0.72	0.57	NM		NM	
04/02/18	0.68	0.52	NM		NM	
04/08/18	0.67	0.47	NM		NM	
04/15/18	0.73	0.50	NM		NM	
04/23/18	0.71	0.48	NM		NM	
04/30/18	0.65	0.43	NM		NM	
05/08/18	0.54	0.46	NM		NM	
05/14/18	0.57	0.20	NM		NM	
05/22/18	0.58	0.34	2392.39		2386.87	
05/29/18	0.56	0.34	NM		NM	
06/04/18	0.54	0.45	NM		NM	
06/12/18	0.53	0.45	NM		NM	
06/18/18	0.47	0.49	NM		NM	
06/25/18	0.47	0.36	NM		NM	
07/02/18	0.52	0.34	2395.06		2386.91	
07/09/18	0.42	0.37	NM		NM	
07/16/18	0.39	0.24	NM		NM	
07/23/18	0.40	0.22	NM		NM	
07/30/18	0.40	0.52	NM		NM	
08/08/18	0.50	0.31	NM		NM	
08/13/18	0.40	0.29	NM		NM	
08/21/18	0.42	0.30	NM		NM	
08/27/18	0.42	0.29	NM		NM	
09/04/18	0.44	0.30	NM		NM	
09/05/18	NM	NM	2392.37		2387.43	
09/10/18	0.52	0.58	NM		NM	
09/17/18	0.42	0.48	NM		NM	
09/24/18	0.44	0.27	NM		NM	
10/02/18	0.46	0.29	NM		NM	
10/08/18	0.42	0.36	NM		NM	
10/15/18	0.46	0.36	NM		NM	
10/22/18	0.62	0.56	NM		NM	
10/29/18	0.51	0.52	NM		NM	
11/05/18	0.48	0.46	NM		NM	
11/12/18	0.47	0.38	NM		NM	
11/19/18	0.52	0.28	NM		NM	
11/20/18	NM	NM	2392.37		2386.83	
11/26/18	0.54	0.36	NM		NM	
12/03/18	0.52	0.28	NM		NM	
12/10/18	0.52	0.2	NM		NM	
12/19/18	0.54	0.14	NM		NM	
12/26/18	0.56	0.72	NM		NM	
12/31/18	0.6	0.34	NM		NM	
01/07/19	0.57	0.3	NM		NM	
01/14/19	0.52	0.36	NM		NM	
01/15/19	NM	NM	2392.38		2386.87	
01/21/19	0.52	0.38	NM		NM	
01/28/19	0.45	0.36	NM		NM	
02/04/19	0.5	0.34	NM		NM	
02/11/19	0.5	0.29	NM		NM	
02/18/19	0.5	0.34	NM		NM	
02/25/19	0.56	0.24	NM		NM	
03/04/19	0.54	0.34	NM		NM	
03/11/19	0.52	0.46	NM		NM	
03/18/19	0.54	0.57	NM		NM	
03/19/19	NM	NM	2392.38		2386.90	
03/25/19	0.67	0.64	NM		NM	
04/01/19	0.62	0.64	NM		NM	
04/08/19	0.64	0.65	NM		NM	
04/15/19	0.65	0.76	NM		NM	
04/22/19	0.60	0.68	NM		NM	
04/29/19	0.54	0.64	NM		NM	
05/06/19	0.49	0.62	NM		NM	
05/13/19	0.56	0.58	2392.38		2386.91	
05/20/19	0.58	0.58	NM		NM	
05/30/19	0.56	0.32	NM		NM	
06/03/19	0.54	0.32	NM		NM	

Western Drainage Alluvial Wells

Date	Pumping Rates PBW-01 (gpm)	Pumping Rates PBW-02 (gpm)	Water Levels ¹ PBW-01 (ft amsl)	PBW-01 Notes	Water Levels ¹ PBW-02 (ft amsl)	PBW-02 Notes
06/11/19	0.57	0.32	NM		NM	
06/17/19	0.54	0.30	NM		NM	
06/24/19	0.56	0.26	NM		NM	
07/01/19	0.52	0.24	NM		NM	
07/09/19	0.54	0.23	NM		NM	
07/15/19	0.58	0.71	NM		NM	
07/22/19	0.56	0.62	2392.38		2399.51	on timer 1 hour on, 2 hours off
07/29/19	0.58	0.72	NM		NM	
08/05/19	0.58	0.73	NM		NM	
08/13/19	0.64	0.72	NM		NM	
08/19/19	0.60	0.71	NM		NM	
08/27/19	0.68	0.74	NM		NM	
09/03/19	0.58	0.62	NM		NM	
09/09/19	0.64	0.68	NM		NM	
09/16/19	0.73	0.68	NM		NM	
09/17/19	NM	NM	2392.37		2386.81	
09/23/19	0.52	0.54	NM		NM	
09/30/19	0.58	0.60	NM		NM	
10/07/19	0.60	0.68	NM		NM	
10/16/19	0.58	0.56	NM		NM	
10/21/19	0.60	0.70	NM		NM	
10/26/19	0.54	0.60	NM		NM	
11/04/19	0.42	0.50	NM		NM	
11/11/19	0.46	0.77	NM		NM	
11/19/19	0.50	0.76	NM		NM	
11/20/19	NM	NM	2392.34		2386.87	
11/25/19	0.46	0.76	NM		NM	
12/02/19	0.45	0.78	NM		NM	
12/10/19	0.45	0.80	NM		NM	
12/16/19	0.45	0.82	NM		NM	
12/23/19	0.46	0.84	NM		NM	
12/30/19	0.45	1.00	NM		NM	
01/06/20	0.49	0.81	NM		NM	
01/13/20	0.46	0.78	NM		NM	
01/20/20	0.47	0.76	NM		NM	
01/26/20	0.52	0.98	NM		NM	
02/01/20	0.52	0.60	NM		NM	
02/09/20	0.58	0.60	NM		NM	
02/16/20	0.52	0.64	NM		NM	
02/17/20	NM	NM	2392.32		2386.79	
02/24/20	0.51	0.56	NM		NM	
03/02/20	0.50	0.49	NM		NM	
03/10/20	0.51	0.50	NM		NM	
03/16/20	0.49	0.50	NM		NM	
04/03/20	0.49	0.52	NM		NM	
04/06/20	0.48	0.46	NM		NM	
04/13/20	0.47	0.44	NM		NM	
04/20/20	0.52	0.48	2392.33		2386.81	
04/27/20	0.56	0.47	NM		NM	
05/04/20	0.46	0.42	NM		NM	
05/11/20	0.56	0.46	NM		NM	
05/19/20	0.57	0.49	NM		NM	
05/26/20	0.46	0.41	NM		NM	
06/01/20	0.57	0.61	NM		NM	
06/08/20	0.58	0.62	NM		NM	
06/15/20	0.61	0.54	NM		NM	
06/22/20	0.56	0.50	NM		NM	
06/29/20	0.49	0.48	NM		NM	
07/07/20	0.49	0.50	NM		NM	
07/13/20	0.52	0.48	NM		NM	
07/14/20	NM	NM	2392.34		2386.83	
07/20/20	0.50	0.45	NM		NM	
07/28/20	0.50	0.54	NM		NM	
08/04/20	0.38	0.49	NM		NM	
08/10/20	0.52	0.40	NM		NM	
08/18/20	0.50	0.46	NM		NM	
08/24/20	0.52	0.38	NM		NM	
08/31/20	0.72	0.38	NM		NM	
09/08/20	0.48	0.43	NM		NM	
09/17/20	0.47	0.42	NM		NM	
09/21/20	0.50	0.32	NM		NM	
10/01/20	0.64	0.39	2392.35		2386.87	
10/05/20	0.61	0.34	NM		NM	
10/12/20	0.46	0.37	NM		NM	
10/27/20	0.50	0.64	NM		NM	
11/09/20	0.44	0.45	NM		NM	
11/16/20	0.48	0.38	NM		NM	
11/23/20	0.52	0.38	NM		NM	
12/07/20	0.64	0.33	NM		NM	
12/14/20	0.54	0.32	NM		NM	
12/21/20	0.50	0.32	NM		NM	

Western Drainage Alluvial Wells

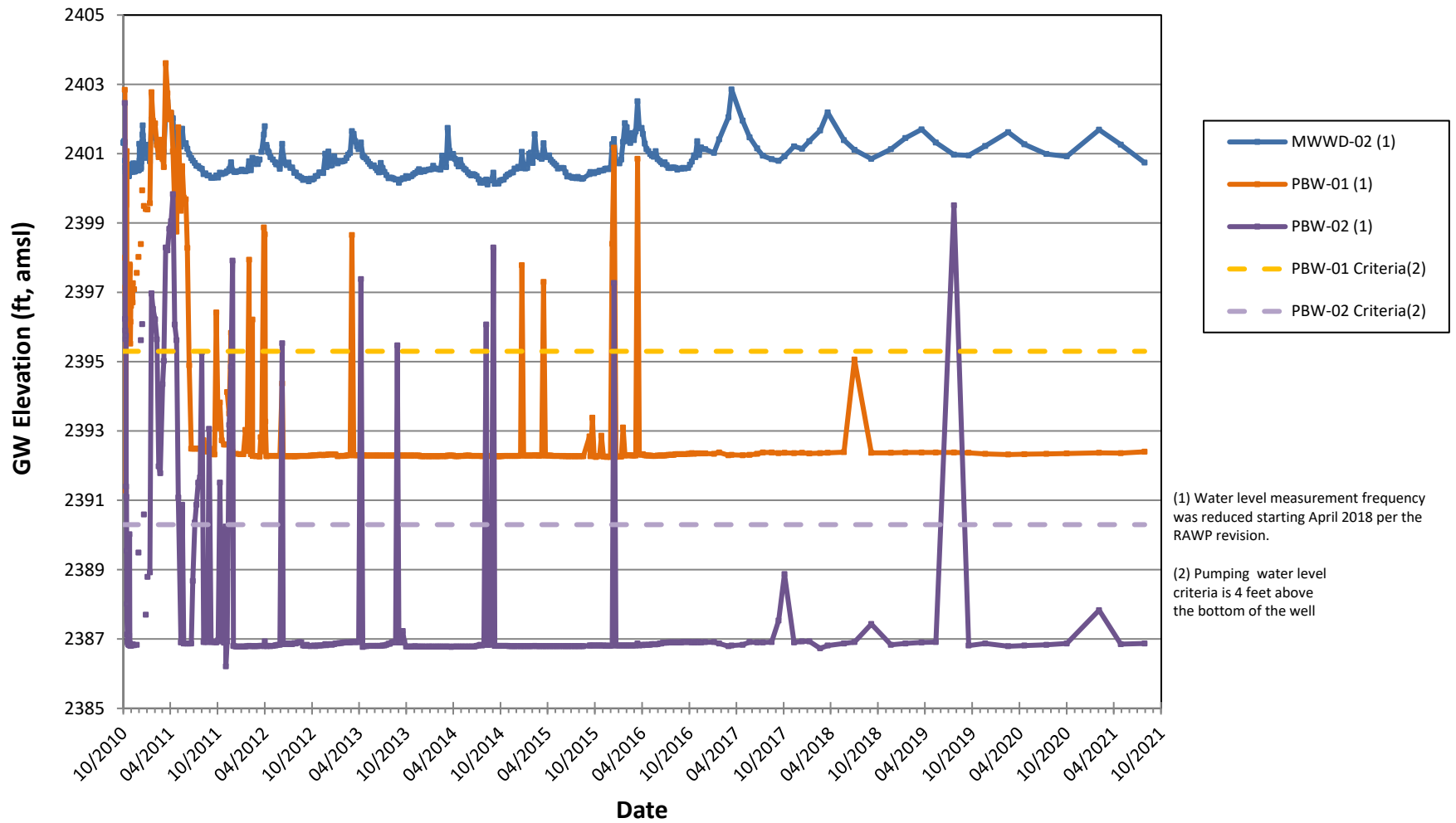
Date	Pumping Rates PBW-01 (gpm)	Pumping Rates PBW-02 (gpm)	Water Levels ¹ PBW-01 (ft amsl)	PBW-01 Notes	Water Levels ¹ PBW-02 (ft amsl)	PBW-02 Notes
12/28/20	0.42	0.30	NM		NM	
01/04/21	0.68	0.42	NM		NM	
01/11/21	0.54	0.38	NM		NM	
01/18/21	0.74	0.36	NM		NM	
01/31/21	0.44	0.34	NM		NM	
02/03/21	NM	NM	2392.37		2387.83	
02/08/21	0.56	0.44	NM		NM	
02/16/21	0.58	0.47	NM		NM	
02/22/21	0.64	0.51	NM		NM	
03/01/21	0.52	0.50	NM		NM	
03/08/21	0.52	0.40	NM		NM	
03/15/21	0.52	0.40	NM		NM	
03/22/21	0.52	0.34	NM		NM	
03/29/21	0.51	0.38	NM		NM	
04/05/21	0.51	0.52	NM		NM	
04/12/21	0.67	0.41	NM		NM	
04/19/21	0.47	0.36	NM		NM	
04/27/21	0.48	0.37	NM		NM	
04/28/21	0.48	0.37	2392.36		2386.85	
05/03/21	0.50	0.48	NM		NM	
05/11/21	0.48	0.24	NM		NM	
05/17/21	0.42	0.12	NM		NM	
05/24/21	0.56	0.24	NM		NM	
06/01/21	0.48	0.32	NM		NM	
06/07/21	0.63	0.38	NM		NM	
06/15/21	0.48	0.37	NM		NM	
06/23/21	0.46	0.26	NM		NM	
06/28/21	0.45	0.22	NM		NM	
07/06/21	0.46	0.34	NM		NM	
07/12/21	0.54	0.36	NM		NM	
07/21/21	0.49	0.37	NM		NM	
07/27/21	0.46	0.28	NM		NM	
07/29/21	NM	NM	2392.40		2386.87	
08/02/21	0.74	0.28	NM		NM	
08/10/21	0.56	0.23	NM		NM	
08/18/21	0.57	0.24	NM		NM	
08/23/21	0.54	0.28	NM		NM	
08/31/21	0.42	0.12	NM		NM	
09/07/21	0.62	0.25	NM		NM	
09/14/21	0.58	0.27	NM		NM	
09/20/21	0.58	0.30	NM		NM	
09/29/21	0.44	0.27	NM		NM	

¹ Pumping criteria water level is four feet above the bottom of the well
PBW-01 Criteria = 2395.34; PBW-02 Criteria = 2390.25

* Late August/early Sept 2015 measurements not taken due site closure from fire conditions

NM = not measured on that date

Figure 1
Groundwater Elevations at Western Drainage Wells



ATTACHMENT 3

Project: Fence Inspect

Date: 9-6-21

Inspector: Dillon, Lann, Dan, Hunter, Alex

MONTHLY FENCE INSPECTION

SUMMARY OF FINDINGS: Trees on fence, holes from wildlife under fence

EVIDENCE OF WILDLIFE: Elk, deer, coyote tracks and scat

GATES SECURE? ISSUES? All gates secured

MAINTENANCE NEEDED: (MARK RATING ON MAP)

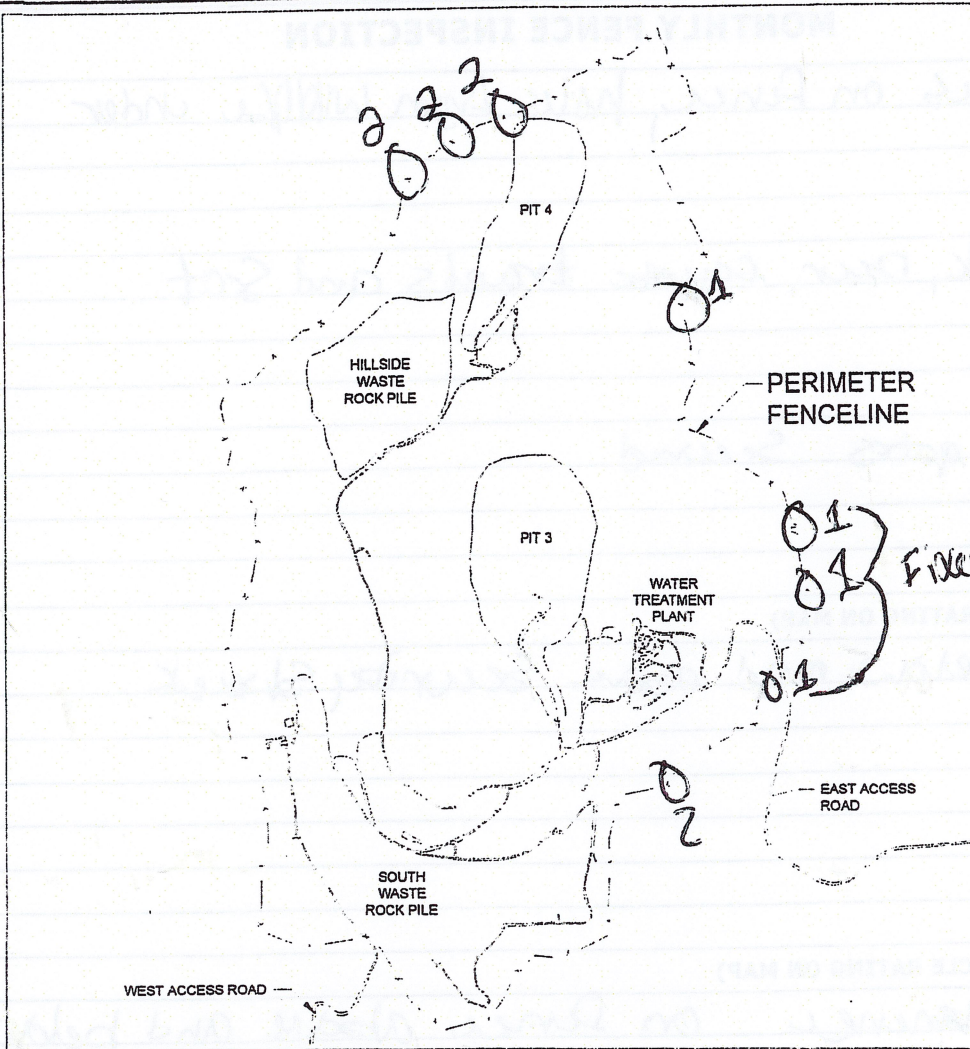
Needed below and above Security Shrub

MAINTENANCE COMPLETED: (CIRCLE RATING ON MAP)

Did maintenance on fence above and below Security Shrub

COMMENTS:

INDICATE ON MAP AREAS OF NEEDED MAINTENANCE/COMPLETED MAINTENANCE USING RATING



SCALE IN FEET



- 1- Fixed at time of inspection ;No further maintenance needed
- 2- Temporarily fixed and functional
- 3- Excessive damage that requires fencing contractor for repairs

*Circle rating if maintenance completed

Signature: _____

[Handwritten Signature]

ATTACHMENT 4

Monthly Weather Summary for Midnite Mine

September 2021

Day of Month	Max Solar Rad (W/m ²)	Wind			Air Temperature			Relative Humidity			Precip. (in)
		Ave. (mph)	Ave Dir. (deg)	Max (mph)	Ave. (°F)	Max (°F)	Min (°F)	Ave. (%)	Max (%)	Min (%)	
9/1/2021	865	4.2	171	8.4	57	67	48	48	67	33	0.00
9/2/2021	743	4.8	212	10.9	62	73	51	42	60	23	0.00
9/3/2021	743	4.4	199	10.4	66	76	55	33	51	21	0.00
9/4/2021	769	4.2	173	11.1	69	79	59	26	39	15	0.00
9/5/2021	713	5.5	218	13.8	71	81	62	32	43	22	0.00
9/6/2021	727	6.0	262	11.5	70	78	61	33	53	20	0.00
9/7/2021	736	3.9	199	7.3	73	86	62	26	36	17	--
9/8/2021	--	--	--	--	--	--	--	--	--	--	--
9/9/2021	738	4.3	222	10.3	73	85	62	36	53	23	0.00
9/10/2021	496	3.4	201	10.4	64	71	55	59	98	34	0.16
9/11/2021	834	4.1	184	7.7	59	69	52	78	98	49	0.03
9/12/2021	770	4.6	161	11.0	63	72	56	60	79	39	0.00
9/13/2021	805	4.4	197	9.6	62	71	51	58	91	34	0.00
9/14/2021	821	6.2	216	11.5	63	71	53	43	63	29	0.00
9/15/2021	808	6.4	214	15.3	59	67	49	47	81	17	0.00
9/16/2021	698	4.1	174	10.1	53	62	43	35	54	20	0.00
9/17/2021	352	4.4	112	9.9	53	60	49	44	83	27	0.10
9/18/2021	289	4.9	204	11.5	51	58	47	79	97	41	0.17
9/19/2021	753	4.1	199	10.5	50	60	44	78	97	44	0.00
9/20/2021	827	3.1	202	9.7	53	63	42	63	96	36	0.00
9/21/2021	654	4.1	107	7.2	60	70	48	46	66	30	0.00
9/22/2021	741	4.3	185	9.5	61	70	54	45	59	32	0.00
9/23/2021	658	3.7	188	9.0	60	71	50	48	75	25	0.00
9/24/2021	648	3.6	149	7.5	65	76	55	36	48	23	0.00
9/25/2021	643	3.6	153	8.9	68	78	58	36	52	21	0.00
9/26/2021	707	4.3	176	11.5	64	74	56	38	52	26	0.00
9/27/2021	634	6.3	215	14.2	55	64	46	71	98	33	0.65
9/28/2021	695	5.2	194	12.4	47	53	44	84	98	63	0.05
9/29/2021	726	3.2	146	9.0	47	56	39	71	94	50	0.00
9/30/2021	627	5.4	152	12.4	54	66	47	65	91	39	0.07
MONTHLY STATISTICS											
Total											1.23
Ave.	697	5	186	10	60	70	52	50	71	31	
Max	865	6.4	262	15.3	73	86	62	84	98	63	
Min	289	3.1	107	7.2	47	53	39	26	36	15	

Notes:

1. Rain gage data of 0.642" of precipitation from a system calibration on 9/23/2021 was removed.